ABSTRACT

The present invention relates to a novel membrane translocating full-length peptide sequence, fragment, motif, derivative, analog or peptidomimetic thereof (MTLPs), to nucleotide sequences coding therefor, and to compositions comprising a MTLP-active agent complex and a MTLP-active particle complex. The MTLP or the nucleotide sequence coding therefor enhance movement of the active agent or of the active particle across a lipid membrane. More particularly, the present invention relates to a MTLP-active agent complex and a MTLP-active particle complex, wherein the MTLP enhances uptake of the active agent into a cell, into or out of an intracellular compartment and across a cell layer. Methods of making and methods of using MTLPs also are included.